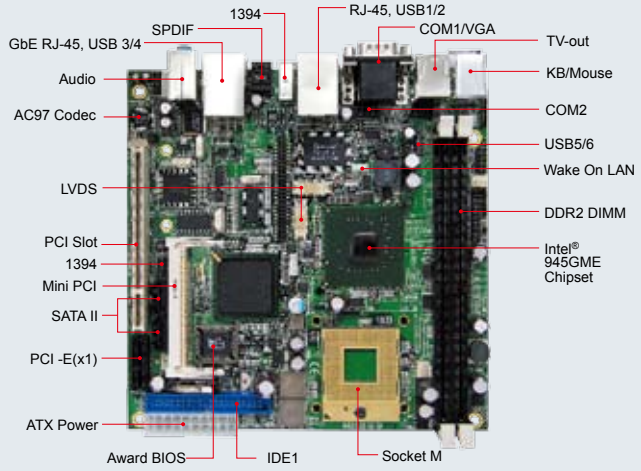
MB899

6 USB | 2 COM | 2 SATA II | 1 10/100 | 1 GbE LAN Option



Features

- Supports Intel® Core™2 Duo processors Up to 2.33GHz, 533MHz/667MHz FSB
- 2x DDR2 DIMM, Max. 4GB
- Supports CRT, LVDS, optional TV-out or DVI
- 10/100BaseT and PCI-E Gigabit LAN
- Watchdog timer, Digital I/O
- 2x SATA II, 6x USB 2.0, 2x COM, 2x 1394
- 1x PCI, 1x PCI-E(x1), 1x Mini PCI, optional 1x MiniPCI-E

System

CPU	Socket M Intel® Core™2 Duo / Core™ Duo / Celeron® M processors, up to 2.33GHz
System Memory	2x DDR2 DIMM, Max. 4GB
System Chipset	Mobile Intel® 945GME Express + ICH7M, 533MHz/667MHz FSB
BIOS	Award
Watchdog Timer	256 levels
SSD	Optional CF socket
H/W Monitor	Yes
Expansion Slots	1x PCI, 1x PCI-E(x1), 1x Mini PCI, optional 1x MiniPCI-E

Graphics

VGA Controller	Intel® Graphics Media Accelerator 950 (GMA 950), supports CRT, RCA, S-Video and HDTV
VGA Memory	Supports DVMT 3.0; Max. shared memory - 224MB
Display Interface	Supports 18-bit, single or dual channel LVDS

LAN

Controller	Intel® ICH7M integrated 10/100Mbps + PHY 82562ET Marvell 88E8053 PCI-E Gigabit LAN
Connector	2x RJ-45 on board

Multi I/O

I/O Chipset	Winbond W83627EHG 1x IDE, 1x FDD, 1x KB, 1x mouse 2x RS-232, 2x SATA II
USB	6 ports on board (USB 2.0)
Audio	Intel® ICH7M built-in Intel® High Definition Audio + AC97 codec, SPDIF-Out + NS LM4950 amplifier
Others	IrDA, 1394, Digital I/O (4-in/4-out)

Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Core™ Duo 2.0GHz w/ 2x 1GB DDR2 +3.3V: 3.02A, +5V: 2.81A, +12V: 1.76A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

MB899H	Socket M 945GME Mini-ITX motherboard w/ VGA and 10/100 LAN
MB899HF	Socket M 945GME Mini-ITX motherboard w/ VGA, 1394, CF socket, 10/100 and Gigabit LAN
AMI200-8	Aluminum System with MB899EF, Intel® 440 (1.83GHz) CPU, 1GB DDR2, 2.5" 80GB HDD, 110W DC-DC Converter, 80W Power Adaptor
AMI300-8	Aluminum System with MB899EF, Intel® 440 (1.83GHz) CPU, 1GB DDR2, slim DVD COMBO, 2.5" 80GB HDD, 110W DC-DC Converter, 80W Power Adaptor
AMI400-8C	Aluminum Chassis with MB899HF, 2.5" HDD holder, 110W DC-DC Converter, 150W Power Adaptor, IP115 PCI Riser Card
CMI200-60	Chassis for Mini-ITX (low power), w/ 60W PSU, 2.5" HDD holder
CMI200-85	Chassis for Mini-ITX (low power), w/ 85W PSU, 2.5" HDD holder
CMI201-60	Chassis for Mini-ITX (low power), w/ 60W PSU, 2.5" HDD holder
CMI201-85	Chassis for Mini-ITX (low power), w/ 85W PSU, 2.5" HDD holder
CMI203-180	Chassis for Mini-ITX, w/ 180W PSU, 3.5" HDD holder
CMI203-250	Chassis for Mini-ITX, w/ 250W PSU, 3.5" HDD holder

Remarks:
1. For optional daughter boards and riser cards, please refer to page 19-20.
2. Specifications are subject to change without prior notice.